

STRABUC 918 RISING POST

Technical specifications

ELECTRIC MOTOR

Power output	0.25 KW (0.33 HP)
Supply voltage / Frequency	230 V - 50 Hz
Absorbed current	1.8 A
Absorbed power	330 W
Capacitor	12.5 µF
Motor rotation speed	2 800 r.p.m.
Intermittent service	S3

OIL-HYDRAULIC ACTUATOR

Travel time6 s
Stroke740 mm
Shaft diameter	16 mm
Piston diameter	30 mm
Thrust power raise	276 Kg
Thrust power lower	147 Kg
Assembly weight Strabuc 918	128 Kg
Full protection standards	IP 557
Lamp power supply	230 V - 25 W

HYDRAULIC MOTOR PUMP

Hydraulic pump	P 10
Pump flow rate	2.75 l/min.
Mean working pressure	2 MPa (20 bars)
Max. pressure	4 MPa (40 bars)
Working temperature	-20°C +80°C
Oil type	A 15 FADINI by AGIP
Static weight	10 Kg
Protection standards	IP 54
Duty cycle	6 sec. Rising - 30 sec. Stop - 6 sec. Lowering
Time of one complete cycle	42 s
No. of complete cycles Rising-Stop-Lowering	85/h
No. of cycles a year, 8 hours a day	250'000

WARNINGS

- The system must be installed in full observance and respect of the following safety regulations "98/37 EC European Norms" and "EN 12453, EN 12445".
- For the installation keep to the principles of good technique and use only FADINI accessories.
- Keep to the fitting instructions included with each operator.
- Meccanica Fadini is not responsible for installations that are not made in conformity with the principles of good technique of installation.
- "STRABUC 918" with incorporated control panel "ELPRO 12 exp" must be installed in sheltered places, protected from weather conditions; suitable protection is to be provided if mounted outside.
- "STRABUC 918" without control panel. The system is to be operated by an external control panel, "ELPRO 10 CEI", to be fitted outside the post in a dry, suitably protected place.

Accessories



ASTRO 43/1 R
radio receiver



PRIT 19
keyswitch



LAPI 2 - flashing lamp
and protection cage



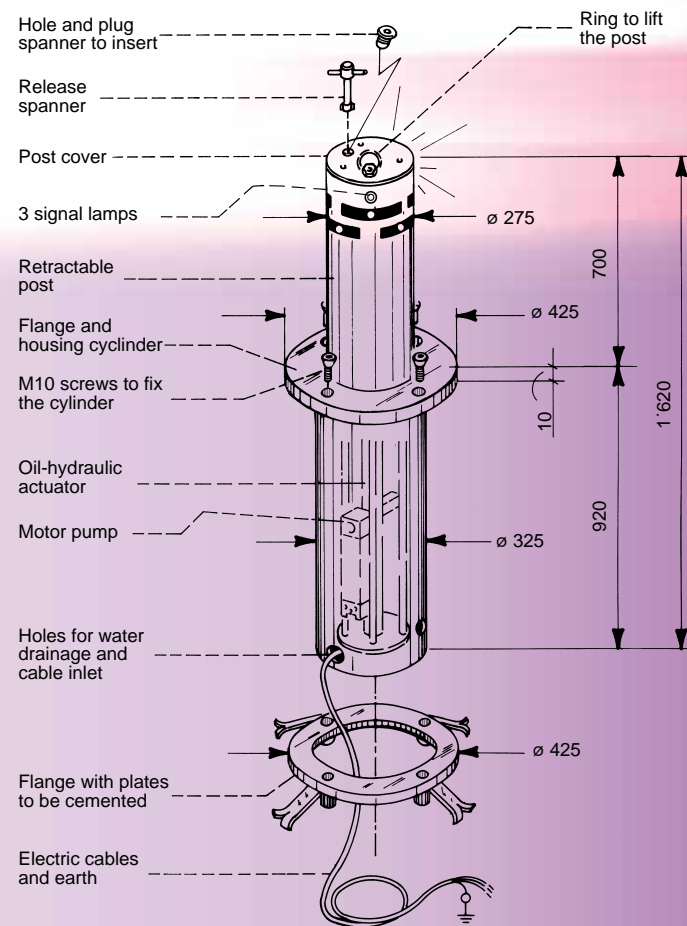
ASTRO 43
rod aerial



POLO 44
photocells



ASTRO 43/2 TR
transmitter 2 channel version



EUROPEAN MARK CERTIFYING CONFORMITY TO THE ESSENTIAL REQUIREMENTS OF THE STANDARDS 98/37/EC

- DECLARATION OF CONFORMITY
- GENERAL WARNINGS
- EN 12453, EN 12445 STANDARDS
- CEI EN 60204-1 STANDARDS
- WARRANTY CERTIFICATE ON THE CUSTOMER'S REQUEST

The "CE" mark certifies that the operator conforms to the essential requirements of the European Directive art. 10 EEC 73/23, in relation to the manufacturer's declaration for the supplied items, in compliance with the body of the regulations ISO 9000=UNI EN 29000. Automation in conformity to EN 12453, EN 12445 safety standards. The growth of MECCANICA FADINI has always been based on the development of guaranteed products thanks to our "TOTAL QUALITY CONTROL" system which ensures constant quality standards, updated knowledge of the European Standards and compliance with their requirements, in view of an ever increasing process of improvement.

STRABUC 918

➤ Rising post for traffic control

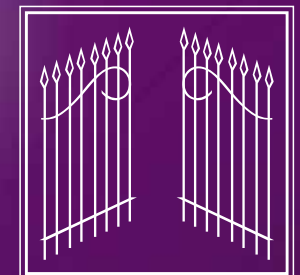


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AUTOMATIC GATE MANUFACTURERS



FADINI
the gate opener



STRABUC 918

Rising post for traffic control



STRABUC 918 is a hydraulically operated post designed to protect premises and for use in traffic control in both private and public areas. It consists of a flanged cylinder providing a casing to the rising post, an electronic control box ie. ELPRO 10 CEI and a motor pump unit.

The housing cylinder, to be inserted into a foundation tube cemented slightly deeper than one meter into the ground, is firmly secured to the foundation by an anchor-fitted flange. Suitable openings in the lower and middle sections of the post are provided both to drain possible water residues that may gather inside and to lead cables into the post for the electrical connections. Inside the location cylinder is the rising post which can be activated by a range of control devices, such as radio transmitters or keyswitch through the main control box, to the raised or fully lowered positions to have personal control of a reserved area.

The combination of the colours and the circular design make this automation aesthetically pleasing. Three lights are fitted as warning signals while the post is operated. The movements of the post, allowed by the compact assembly of the motor-pump-valve block with the hydraulic actuator by means of copper pipes and by a combination of vertical guide rods, are so maintained even and smooth along the entire working cycle. In events like power failure it is possible to override the hydraulic mechanism from the top of the post by means a specially designed spanner which is supplied with the system, and the post can be manually lowered into the housing cylinder.

STRABUC 918 is designed to be an

automation fully conforming to the existing safety regulations, entirely produced and tested by Meccanica Fadini, a guarantee of long lasting higher reliability.



- Ⓐ Rising post integrated with traffic barrier and token machine
- Ⓑ Detail of the release spanner in case of power failure
- Ⓒ Rising post integrated with traffic barrier
- Ⓓ Lowered posts flush with ground level

